

AMENDMENTS TO THE CLAIMS

1-18. (cancelled)

19. (currently amended): A method of generating a mammalian immune response directed to 158P1D7, ~~the method~~ comprising:

providing an immunogenic composition comprising a T cell epitope or a B cell epitope of SEQ ID NO: 657; and

exposing cells of the mammal's immune system to the immunogenic composition at least a portion of an 158P1D7-related protein, comprising a T cell epitope or a B cell epitope whereby an immune response to the immunogenic composition is generated to 158P1D7.

20. (cancelled)

21. (currently amended): A method of inducing an immune response to a 158P1D7 protein, ~~said method~~ comprising:

providing an immunogenic composition comprising a T cell epitope or a B cell epitope of SEQ ID NO: 657 ~~a 158P1D7-related protein that comprises at least one T cell epitope or at least one B cell epitope; and~~

contacting the epitope with an immune system T cell or B cell respectively with the immunogenic composition, whereby an immune response the immune system from T cell or B cell is induced.

22. (currently amended): The method of claim 21, wherein the immune response system ~~cell is a~~ comprises an induced B cell, whereby the induced B cell generates antibodies that specifically bind to the B cell epitope of SEQ ID NO: 657 ~~158P1D7-related protein.~~

23. (currently amended): The method of claim 21, wherein the immune response system ~~cell is a~~ comprises an induced T cell ~~that is a~~ cytotoxic T cell (CTL), whereby the activated induced CTL kills an autologous cell that expresses the 158P1D7 protein encoded by SEQ ID NO: 657.

24. (currently amended): The method of claim 21, wherein the immune response system ~~cell is a~~ comprises an induced T cell that is a helper T cell (HTL), whereby the ~~activated~~ induced HTL secretes cytokines that facilitate the cytotoxic activity of a CTL or the antibody producing activity of a B cell.

25-66. (cancelled)

67. (currently amended): The method of claim 19, wherein the exposing step comprises administering a nucleotide sequence derived from SEQ ID NO: 656 that encodes the T cell epitope or the B cell epitope of SEQ ID NO: 657 ~~said portion to the mammal whereby said portion is~~ produced.

68. (new): The method of claim 19, wherein the immune response comprises an induced B cell, whereby the induced B cell generates antibodies that specifically bind to the protein encoded by SEQ ID NO: 657.

69. (new): The method of claim 19, wherein the immune response comprises an induced cytotoxic T cell (CTL), whereby the induced CTL kills an autologous cell that expresses the protein encoded by SEQ ID NO: 657.

70. (new): The method of claim 19, wherein the immune response comprises an induced helper T cell (HTL), whereby the induced HTL secretes cytokines that facilitate the cytotoxic activity of a CTL or the antibody producing activity of a B cell.